

L Number	Hits	Search Text	DB	Time stamp
1	3123	((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.	USPAT; US-PGPUB	2004/08/17 16:47
2	5789	nitriding	USPAT; US-PGPUB	2004/08/17 16:47
3	513	carbonitriding	USPAT; US-PGPUB	2004/08/17 16:47
4	6066	nitriding or carbonitriding	USPAT; US-PGPUB	2004/08/17 16:47
5	843085	nitrogen or carbon	USPAT; US-PGPUB	2004/08/17 16:47
6	1555056	pressure	USPAT; US-PGPUB	2004/08/17 16:47
7	438685	pulse or pulsed	USPAT; US-PGPUB	2004/08/17 16:47
8	27441	pressure with (pulse or pulsed)	USPAT; US-PGPUB	2004/08/17 16:48
9	1040	(nitrogen or carbon) same (pressure with (pulse or pulsed))	USPAT; US-PGPUB	2004/08/17 16:48
12	258	((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (nitriding or carbonitriding)	USPAT; US-PGPUB	2004/08/17 16:48
10	13	(nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))	USPAT; US-PGPUB	2004/08/17 16:49
11	5	((nitrogen or carbon) same (pressure with (pulse or pulsed))) and ((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.)	USPAT; US-PGPUB	2004/08/17 16:55
13	55	((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed)	USPAT; US-PGPUB	2004/08/17 17:03
14	65	((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.)) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed))	USPAT; US-PGPUB	2004/08/17 17:03
15	236	((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (nitriding or carbonitriding)) not (((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.)) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed)))	USPAT; US-PGPUB	2004/08/17 17:04

16	0	((((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (nitriding or carbonitriding)) not (((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed)))) and (pulse or pulsed)	USPAT; US-PGPUB	2004/08/17 17:04
17	122	((((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (nitriding or carbonitriding)) not (((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed)))) and pressure changing or change or changed	USPAT; US-PGPUB	2004/08/17 17:06
18	1629352		USPAT; US-PGPUB	2004/08/17 17:07
19	114382	pressure with (changing or change or changed)	USPAT; US-PGPUB	2004/08/17 17:07
20	331	(nitriding or carbonitriding) and (pressure with (changing or change or changed))	USPAT; US-PGPUB	2004/08/17 17:07
21	8	((nitriding or carbonitriding) and (pressure with (changing or change or changed))) and (((((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (nitriding or carbonitriding)) not (((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed))))	USPAT; US-PGPUB	2004/08/17 17:15

22	114	<p>(((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (nitriding or carbonitriding)) not (((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed)))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed)))) not (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (nitriding or carbonitriding)) not (((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed)))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed)))) and pressure)</p>	USPAT; US-PGPUB	2004/08/17 17:16
23	236	<p>(((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (nitriding or carbonitriding)) not (((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed)))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed)))) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (nitriding or carbonitriding)) not (((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed)))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed)))) and pressure)</p>	USPAT; US-PGPUB	2004/08/17 17:17



26	2832	<p>(((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) not ((((((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (nitriding or carbonitriding)) not (((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed)))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed)))) or ((((((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (nitriding or carbonitriding)) not (((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed)))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed)))) and pressure)) or (((nitriding or carbonitriding) and ((nitrogen or carbon) same (pressure with (pulse or pulsed)))) or (((nitrogen or carbon) same (pressure with (pulse or pulsed)))) and (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) or (((138/143) or (138/146) or (138/109) or (138/142) or (138/dig.5) or (148/222) or (148/230) or (148/238) or (148/228) or (266/251) or (266/252) or (266/206) or (266/209)).CCLS.) and (pulse or pulsed))))</p>	USPAT; US-PGPUB	2004/08/17 17:17
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